



Incoloy 800HT Strip N08811 Nickel Alloy Strip

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Incoloy 800HT
- Minimum Order Quantity: 1 Kg
- Price: 30 - 499 kilograms \$46.90
- Packaging Details: Packed as coil. Special packaging requirements can also be accommodated. OEM is also acceptable
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 Ton/Tons per Month



Product Specification

- Product Name: Incoloy 800HT Strip
- Material: Ni Cr Fe
- Ni (Min): 72%
- Resistance ($\mu\Omega\cdot m$): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 790
- Elongation (\geq %): 30
- Density (g/m³): 8.4 G/cm³
- Application: Industrial,Construction,Building
- Surface: Bright
- Size: Customized
- Processing Service: Decoiling,Cutting,Bending
- Highlight: Incoloy Alloy 800HT, N08811 Nickel Alloy Strip



Our Product Introduction

Product Description

Introduction:

1. Incoloy 800HT Strip is a high-performance alloy strip, which is an upgraded material of the Incoloy 800 series alloy.
2. The tape has excellent high temperature stability and corrosion resistance, making it suitable for use in extreme high temperature and corrosive environments.
3. Incoloy 800HT Strip is characterized by its special chemical formula and heat treatment process, which allows it to maintain excellent mechanical properties and antioxidant properties under high temperature conditions.
4. The material is widely used in the petrochemical, power generation, chemical processing and nuclear energy industries to manufacture key components of high-temperature equipment such as furnace tubes, heat exchangers, catalyst tubes, reactors and nuclear fuel cladding.
5. Incoloy 800HT Strip is a reliable material choice for engineering applications that require extremely

high material performance in high temperature and corrosive environments.

Application:

1. Petrochemical industry: Incoloy 800HT Strip is often used in equipment and components such as furnace tubes, pipes, heat exchangers and catalyst tubes in high temperature and corrosive media.
2. Chemical processing plants: This strip is suitable for process equipment such as chemical reactors, distillation equipment and storage tanks that need to resist corrosion and high temperatures.
3. Power generation field: Incoloy 800HT Strip can be used in parts in high-temperature environments such as boilers, combustion chambers and steam generators to ensure the reliability and durability of equipment.
4. Nuclear energy industry: The strip withstands high temperatures and radioactive environments in nuclear reactors and is used to make components for nuclear fuel cladding and other nuclear equipment.
5. Aerospace: Incoloy 800HT Strip is used in high-temperature components and structures in aerospace engines and spacecraft.

Parameter:

Item	800	800H	800HT	825	925
C	≤0.1	0.05-0.1	0.06-0.1	≤0.05	≤0.03
Mn	≤1.5	≤1.5	≤1.5	≤1	≤1
Fe	rest	rest	rest	rest	rest
P	--	--	--	≤0.02	≤0.03
S	≤0.015	≤0.015	≤0.015	≤0.03	≤0.03
Si	≤1	≤1	≤1	≤0.5	≤0.5
Cu	≤0.75	≤0.75	≤0.75	1.5-3	1.5-3
Ni	30-35	30-35	30-35	38-46	42-46
Al	0.15-0.6	0.15-0.6	0.15-0.6	0.2-1	0.15-0.5
Ti	0.15-0.6	0.15-0.6	0.15-0.6	0.6-1.2	1.9-2.4
Cr	19-23	19-23	19-23	19.5-23.5	19.5-23.5
Mo	--	--	--	2.5-3.5	2.5-3.5



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